

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	6294628
<b>Application Number:</b>	10789387
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	4947
<b>Title of Invention:</b>	Apparatus and associated methods to introduce diversity in a multicarrier communication channel
<b>First Named Inventor/Applicant Name:</b>	Lei Shao
<b>Customer Number:</b>	45209
<b>Filer:</b>	Mark C. Van Ness/Natasha French
<b>Filer Authorized By:</b>	Mark C. Van Ness
<b>Attorney Docket Number:</b>	042390.P16330
<b>Receipt Date:</b>	20-OCT-2009
<b>Filing Date:</b>	26-FEB-2004
<b>Time Stamp:</b>	17:38:59
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$180
RAM confirmation Number	3915
Deposit Account	022666
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

**File Listing:**

Document Number	Document Description	File Name	File Size(Bytes)/Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	42P16330_Information_Disclosure_Statement.pdf	107572 d6c7af4e5af7a983223238b56fa2714ea496 3658	no	1
<b>Warnings:</b>					
<b>Information:</b>					
2	NPL Documents	PCTUS2005004478_ISR.pdf	1490912 57577556a58dc25a8df35883033a1de5b43 4aaa0	no	5
<b>Warnings:</b>					
<b>Information:</b>					
3	NPL Documents	PCTUS2005004478_Written_Opinion.pdf	150664 4fa49af9237bace9b6478d9034ac4e050227 3f22	no	4
<b>Warnings:</b>					
<b>Information:</b>					
4	NPL Documents	PCTUS2005004478_IPER.pdf	191205 129812b427d73ad486ea0c7123cf/a0f1790 1bd2	no	5
<b>Warnings:</b>					
<b>Information:</b>					
5	NPL Documents	PCTUS2004005968_ISR.pdf	160422 33d9ebdbbc47b554853da286b7aaef1589 bbe70	no	4
<b>Warnings:</b>					
<b>Information:</b>					
6	NPL Documents	PCTUS2004005968_Written_Opinion.pdf	247795 0a0496fcdbd69b159b87e5eba625cee0b36e 0727e	no	6
<b>Warnings:</b>					
<b>Information:</b>					
7	NPL Documents	PCTUS2004005968_IPER.pdf	287480 205bd362f2f0a18a84c3d23221b3cd034fce 55bf	no	7
<b>Warnings:</b>					
<b>Information:</b>					
8	NPL Documents	10788657_OA_mailed_6-24-08.pdf	283653 5bdd34fd686ffc80c2070d50924c0972149 3b71	no	9
<b>Warnings:</b>					
<b>Information:</b>					

9	NPL Documents	MYPI20050652_NOA_mailed_4 -30-09.pdf	81890 3ba150510b8d32782e003da1ef03aa6e3a6 ae7d7	no	2
<b>Warnings:</b>					
<b>Information:</b>					
10	NPL Documents	10788657_OA_mailed_8-18-09. pdf	2729486 0df100644df4da93d6f73c4501cba17e0747 01c5	no	8
<b>Warnings:</b>					
<b>Information:</b>					
11	NPL Documents	CN2005800062365_OA_mailed _6-16-09.pdf	1454556 f8cc7b255351387f8303e172e1c5dfa548d 0605	no	10
<b>Warnings:</b>					
<b>Information:</b>					
12	Information Disclosure Statement (IDS) Filed (SB/08)	42P16330_PTO_1449_10-20-09 .pdf	181620 9c56fc882a194b86a4375c8cfaff508d71397 33a	no	1
<b>Warnings:</b>					
<b>Information:</b>					
This is not an USPTO supplied IDS fillable form					
13	Fee Worksheet (PTO-875)	fee-info.pdf	30088 0632dc262f0dae410a3a9aa3c43c418ceff01 c09	no	2
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b> 7397343					
<p><b>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</b></p> <p><b>New Applications Under 35 U.S.C. 111</b>  <b>If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</b></p> <p><b>National Stage of an International Application under 35 U.S.C. 371</b>  <b>If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</b></p> <p><b>New International Application Filed with the USPTO as a Receiving Office</b>  <b>If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</b></p>					